

My Pals 6A

Practise 1a (p.11-12)

① a) $5 \times w$
 $= 5w$

i b) $v \times 15$
 $= 15v$

c) $x \div 3$
 $= \frac{x}{3}$ or $\frac{1}{3}x$ or $\frac{1}{3} \times x$

d) $\frac{1}{4} \times y$
 $= \frac{1}{4}y$ or $\frac{y}{4}$ or $y \div 4$

e) $\frac{z+4}{5}$
 $= (z+4) \div 5$ or $\frac{1}{5}(z+4)$

f) $\frac{1}{2} \times (a-7)$
 $= \frac{a-7}{2}$ or $(a-7) \div 2$

② a) The age of his brother is $x+5$
 (when $x=18$) $x+5=18+5=23$

b) The age of his sister is $x-3$
 (when $x=18$) $x-3=18-3=15$

c) The age of his aunt is $2x$
 (when $x=18$) $2x=2 \times 18=36$

d) The age of his cousin is $\frac{x}{2}$
 (when $x=18$) $\frac{x}{2} = \frac{18}{2} = 9$

③ a) The number of pieces of chocolate left:
 $= n-6$ (when $n=24$)
 $= 24-6=18$

b) The number of pieces of chocolate each child gets:
 $= \frac{n}{4}$ (when $n=24$)
 $= \frac{24}{4} = 6$

c) The total number of pieces of chocolate in 10 similar boxes:

$= 10n$ (when $n=24$)

$= 10 \times 24 = 240$

d) The number of pieces each child gets:
 $= \frac{(n+1)}{5}$ (when $n=24$)

$= \frac{24+1}{5} = \frac{25}{5} = 5$

④ a) $9+b$

b) $b-4$

c) $10-b$

d) $3b$

e) $7b$

f) $\frac{b}{5}$

g) $\frac{b}{2}$

h) $10+b$

i) $11-b$

j) $6b$

5. a) $\overbrace{\quad y \quad + \quad 7 \quad}^{(y+7)}$

when $y=36$
 $y+7=43$

b) $\overbrace{\quad (y-18) \quad + \quad 18 \quad}^y$

when $y=36$
 $y-18=18$

c) $\overbrace{\quad (52-y) \quad + \quad y \quad}^{52}$

when $y=36$
 $52-y=16$

d) $\overbrace{\quad y \quad + \quad y \quad + \quad y \quad + \quad y \quad + \quad y \quad}^{(5y)}$

when $y=36$
 $5y=180$

e) $\overbrace{\quad y/4 \quad + \quad y/4 \quad + \quad y/4 \quad + \quad y/4 \quad}^y$

when $y=36$
 $y/4=9$



My Pals 6A
Practice 1b (p. 18)

1. a) $2a+5a$
 $= 7a$

b) $a+7a$
 $= 8a$

c) $3a+3a+6a$
 $= 12a$

d) $4x-2x$
 $= 2x$

e) $6x-5x$
 $= x$

f) $10x-2x-8x$
 $= 0$

g) $7y-5y+4y$
 $= 2y+4y$
 $= 6y$

h) $9y+3y-5y$
 $= 12y-5y$
 $= 7y$

i) $a+a+5$
 $= 2a+5$

j) $b+4+4+b$
 $= 8+2b$ / $2b+8$

k) $2s+7-6+s$
 $= 2s+s+7-6$
 $= 3s+1$

l) $9r+10+2-3r$
 $= 9r-3r+10+2$
 $= 6r+12$

[illegible]